<u></u>	1		-	
L Number	Hits	Search Text gold	DB	Time stamp
-	0	10133578.pn.	USPAT; US-PGPUB	2003/10/06 09:55
-	. 1	10133578.pn.	USPAT; US-PGPUB;	2003/10/06 09:56
_	2	"10324405" 5298332.pn.	JPO USPAT; US-PGPUB;	2003/10/06 09:57
_	1	"10324405" 5298332.pn.	JPO JPO	2003/10/06
-	2	"10324405" 05298332.pn.	JPO	2003/10/06 11:57
-	1	5546523.pn.	USPAT; US-PGPUB	2003/10/06
_	. 4249	distribut\$5 with information with manag\$5	USPAT; US-PGPUB	2003/10/06
-	20282	(process\$5 with information with manag\$5) or (distribut\$5 with information with manag\$5)	USPAT; US-PGPUB	2003/10/06 13:48
-	9155		USPAT; US-PGPUB	2003/10/06 18:14
_	19057		USPAT; US-PGPUB	2003/10/06
-	8450	(process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system) and @ad<19990422	USPAT; US-PGPUB	2003/10/06 13:49
-	170		USPAT; US-PGPUB	2003/10/06 13:50
_	704	((process\$5 with information with manag\$5) or (distribut\$5 with information with manag\$5) and @ad<19990422) and (data	USPAT; US-PGPUB	2003/10/06
_	198	adj carrier) or (electronic adj tag) ((process\$5 with information with manag\$5) or (distribut\$5 with information with manag\$5) and @ad<19990422) and ((data adj carrier) or (electronic adj tag))	USPAT; US-PGPUB	2003/10/06
-	1020	3	USPAT; US-PGPUB	2003/10/06 15:36
-	. 3675		USPAT; US-PGPUB	2003/10/06
_	645	(((process\$5 with information with manag\$5) or (distribut\$5 with information with manag\$5) and @ad<19990422) and ((data adj carrier) or (tag) or (data	USPAT; US-PGPUB	2003/10/06 13:53
_	410	manag\$5) or (distribut\$5 with information with manag\$5) and @ad<19990422) and ((data adj carrier) or (tag) or (data adj handl\$4))) and signature) and ((verif\$5 or check\$4) with (data or information or object)) same ((generat\$5)	USPAT; US-PGPUB	2003/10/06 13:56
		or process\$4) with (data or information or object))		

-	517	, , , , <u>*</u>	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	13:57
		with manag\$5) and @ad<19990422) and		
		((data adj carrier) or (tag) or (data		i
		adj handl\$4))) and signature) and	· .	· 1
		((verif\$5 or check\$4) with (data or information or object)) and((generat\$5 or		
	•	process\$4) with (data or information or		
		object))		ļ
1_	486		USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	14:03
	1	with manag\$5) and @ad<19990422) and	** *****	
		((data adj carrier) or (tag) or (data		
1		adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
1		information or object)) and((generat\$5 or		
		process\$4) with (data or information or		
		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and		
		(read\$4 with (data or information or		
		object))		
-	478		USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	14:02
		with manag\$5) and @ad<19990422) and		
		((data adj carrier) or (tag) or (data		
		adj handl\$4))) and signature) and ((verif\$5 or check\$4) with (data or	1	
		information or object)) and((generat\$5 or		·
		process\$4) with (data or information or		
		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and]	
1		(read\$4 with (data or information or		
		object)) and (communicat\$4)		
-	8		USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	14:03
		with manag\$5) and @ad<19990422) and]
		((data adj carrier) or (tag) or (data		
		adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
		information or object)) and((generat\$5 or process\$4) with (data or information or		
	,	object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and	1	
1		(read\$4 with (data or information or		
		object))) not (((((process\$5 with		
		information with manag\$5) or (distribut\$5		
		with information with manag\$5) and		
		@ad<19990422) and ((data adj carrier) or		
		(tag) or (data adj handl\$4))) and		
		signature) and ((verif\$5 or check\$4) with		·
1		(data or information or object))		
		and((generat\$5 or process\$4) with (data		
		or information or object)) and ((stor\$4		
		or sav\$4) with (data or information or		
	1	object)) and (read\$4 with (data or information or object)) and (communicat\$4		
		information or object) and (communicat;4	1	
_	87	1 ' '	USPAT;	2003/10/06
	"	manag\$5) or (distribut\$5 with information	US-PGPUB	14:05
		with manag\$5) and @ad<19990422) and		
		((data adj carrier) or (tag) or (data		
	1	adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
	1	information or object)) and((generat\$5 or		
1		process\$4) with (data or information or		
		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and		
	1	(read\$4 with (data or information or	1	
		object))) and (sign\$6 with private)	l	L

-	235		USPAT;	2003/10/06
1		manag\$5) or (distribut\$5 with information	US-PGPUB	14:17
		with manag\$5) and @ad<19990422) and		
		((data adj carrier) or (tag) or (data		
		adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
		information or object)) and((generat\$5 or		
	•	process\$4) with (data or information or		ļ
		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and (read\$4 with (data or information or		
		(read\$4 with (data of information of		
		object))) and ((sign\$6 or key)with		
	25	<pre>private) {((((process\$5 with information with</pre>	USPAT;	2003/10/06
-	23	manag\$5) or (distribut\$5 with information	US-PGPUB	16:09
		with manag\$5) and @ad<19990422) and	05 10105	10.05
		((data adj carrier) or (tag) or (data		
		adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
	,	information or object)) and((generat\$5 or		
		process\$4) with (data or information or		
		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and		
		(read\$4 with (data or information or		
		object))) and ((sign\$6 or key) with		
		private) and @ad<19990422		
_	2	((((((process\$5 with information with	USPAT;	2003/10/06
	_	manag\$5) or (distribut\$5 with information	US-PGPUB	14:18
		with manag\$5) and @ad<19990422) and		
		((data adj carrier) or (tag) or (data		
	· .	adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
		information or object)) and((generat\$5 or		
		process\$4) with (data or information or		
		object)) and ((stor\$4 or sav\$4) with		
1		(data or information or object)) and		·
		(read\$4 with (data or information or		
		object))) and ((sign\$6 or key) with		
		private) and @ad<19990422) and process\$4		
		adj module	·	2222 / 12 / 25
j -	2	((((((process\$5 with information with	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	14:19
		with manag\$5) and @ad<19990422) and		
		((data adj carrier) or (tag) or (data		
		adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
		information or object)) and((generat\$5 or process\$4) with (data or information or		
1		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and		
1		(read\$4 with (data or information or		
		object))) and ((sign\$6 or key) with		
i	1 .	private) and @ad<19990422) and (process\$4		
		adj module)		
_	615		USPAT;	2003/10/06
		stor\$4) and (verif\$8 near2 (data or	US-PGPUB	15:00
		information) same read\$3) and		
		((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and @ad<19990422		
-	31617	(read near2 (data or information) same	USPAT;	2003/10/06
		stor\$4) and ((verif\$8 or check\$4) near2	US-PGPUB	14:57
1		(data or information) same read\$3) and		
	1	((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and ((verif\$8 or		
1		check\$4) near2 (key or sign\$6) same		
		stor\$4) ((select\$4 or choos\$4) near2		
		(key or sign\$6) same stor\$4) and	1	
		@ad<19990422		

				10000 /10 /05
-	2283	(read near2 (data or information) same	USPAT;	2003/10/06
		stor\$4) and ((verif\$8 or check\$4) near2 (data or information) same read\$3) and	US-PGPUB	15:18
		((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and @ad<19990422		
l _	18		USPAT;	2003/10/06
	10	stor\$4) and ((verif\$8 or check\$4) near2	US-PGPUB	15:16
		(data or information) same read\$3) and	05 10105	10.10
		((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and @ad<19990422)		
		and ((generat\$4 or process\$4) (signature		
		or key)) and (sign\$8 with private with		
		(information or data) same stor\$4) and		
		@ad<19990422		
_	2870411	(read near2 (data or information) same	USPAT;	2003/10/06
		stor\$4) @ad<19990422	US-PGPUB	15:07
-	2881463	(((data or information) near2 read\$4)	USPAT;	2003/10/06
		same stor\$4) @ad<19990422	US-PGPUB .	15:08
-	2283	((read near2 (data or information)) same	USPAT;	2003/10/06
	1 .	stor\$4) and (((verif\$8 or check\$4) near2	US-PGPUB	15:10
		(data or information)) same read\$3) and		
		((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and @ad<19990422		
-	18		USPAT;	2003/10/06
		stor\$4) and ((verif\$8 or check\$4) near2	US-PGPUB	15:23
		(data or information) same read\$3) and		
		((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and @ad<19990422)		
		and ((generat\$4 or process\$4) (signature		
		or key)) and (sign\$8 with private with		
	•	(information or data) same (sav\$4 or		
		stor\$4)) and @ad<19990422 ((read near2 (data or information) same	USPAT;	2003/10/06
-	0		US-PGPUB	15:20
		stor\$4) and ((verif\$8 or check\$4) near2 (data or information) same read\$3) and	03-FGF0B	13.20
		((generat\$4 or process\$4) near2 (key or	ļ	
		sign\$6) same stor\$4) and @ad<19990422)		
		and ((generat\$4 or process\$4) (signature		
		or key)) and (sign\$8 with private with		
		(information or data) same (sav\$4 or		
		stor\$4)) and (data adj carrier) and		
		@ad<19990422		
-	0	((read near2 (data or information) same	USPAT;	2003/10/06
		stor\$4) and ((verif\$8 or check\$4) near2	US-PGPUB	15:18
		(data or information) same read\$3) and		
		((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and @ad<19990422)		
		and ((generat\$4 or process\$4) (signature		
		or key)) and (sign\$8 same private with		
		(information or data) same (sav\$4 or		
	1	stor\$4)) and (data adj carrier) and		,
		(data an information)	HCDNT.	2003/10/06
-	. 29	((read near2 (data or information) same stor\$4) and ((verif\$8 or check\$4) near2	USPAT; US-PGPUB	15:19
1		(data or information) same read\$3) and	U3-FGFUB	13.19
		((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and @ad<19990422)		
1		and (data adj carrier)		
1_	4		USPAT;	2003/10/06
1	4	stor\$4) and ((verif\$8 or check\$4) near2	US-PGPUB	15:21
		(data or information) same read\$3) and		
		((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and @ad<19990422)		
	1	and ((generat\$4 or process\$4) (signature		
		or key)) and (sign\$8 with private with		
		(information or data) same (sav\$4 or		
		stor\$4)) and ((data adj carrier) or		
	1	(electronic adj tag) or (data adj		
		hand1\$4)) and @ad<19990422		

[-	4	((read near2 (data or information) same	USPAT;	2003/10/06
		stor\$4) and ((verif\$8 or check\$4) near2	US-PGPUB	15:23
		(data or information) same read\$3) and		
		((generat\$4 or process\$4) near2 (key or		
		sign\$6) same stor\$4) and @ad<19990422)		
		and ((generat\$4 or process\$4) (signature		
		or key)) and (sign\$8 with private with		
	·	(information or data) same (sav\$4 or	, ,	
		stor\$4)) and ((data adj carrier) or		
		(electronic adj tag) or (data adj		
		handl\$4)) and @ad<19990422		
-	174		USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:43
		with manag\$5) and @ad<19990422) and		
		(((data adj carrier) or (electronic adj		
		tag) or (data adj handl\$4)) with stor\$4)		l
-	15021	((process\$5 with information with	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:44
	ŀ	with manag\$5) and @ad<19990422) and		
1	i	(((data adj carrier) or (tag) or		
		(memory device) or (data adj handler))		
1		with stor\$4)		
-	17964	((process\$5 with information with	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:44
İ	·	with manag\$5) and @ad<19990422) and		
		(((data adj carrier) or (tag) or		
		(memory device) or (data adj handler)))		
-	8519	((process\$5 with information with	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:50
		with manag\$5) and @ad<19990422) and		
		(((data adj carrier) or (tag) or		
		(memory device) or (data adj handler)))		
		and @ad<19990422		
-	96		USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:50
		with manag\$5) and @ad<19990422) and		
1		(((data adj carrier) or (tag) or		
		(memory device) or (data adj handler)))	ļ	
		and @ad<19990422) and (process\$4 adj		
		module) and (manag\$6 adj module)		
-	9	((((process\$5 with information with	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:46
		with manag\$5) and @ad<19990422) and		
		(((data adj carrier) or (tag) or		
		(memory device) or (data adj handler)))		
		and @ad<19990422) and (process\$4 adj		
		module) and (manag\$6 adj module)) and		
		distribution near information		0000/20/00
-	12		USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:47
		with manag\$5) and @ad<19990422) and	1	1
		(((data adj carrier) or (tag) or		
		(memory device) or (data adj handler)))		1
		and @ad<19990422) and (process\$4 adj	1	
		module) and (manag\$6 adj module)) and	[
	_	(distribution near (data or information))		2003/10/05
-	21	((((process\$5 with information with	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:47
		with manag\$5) and @ad<19990422) and		
		(((data adj carrier) or (tag) or		
		(memory device) or (data adj handler)))	[
		and @ad<19990422) and (process\$4 adj		
		module) and (manag\$6 adj module)) and		
		((signature or key) and private)	HCDAM.	2002/10/06
-	. 2195	((process\$5 with information with	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	17:19
		with manag\$5) and @ad<19990422) and		
		(((data adj carrier) or (tag) or		
	1	(memory adj device) or (data adj		
		handler))) and @ad<19990422	L	L

[-	428	1 1 1 2	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:51
		with manag\$5) and @ad<19990422) and		·
		(((data adj carrier) or (tag) or		
		(memory adj device) or (data adj		
	ļ	handler))) and @ad<19990422) and		
	1	((signature or key) and private)		
_	419		USPAT;	2003/10/06
1		manag\$5) or (distribut\$5 with information	US-PGPUB	15:53
		with manag\$5) and @ad<19990422) and		
		(((data adj carrier) or (tag) or		
		(memory adj device) or (data adj		
		handler))) and @ad<19990422) and		
		((signature or key) and private)) and		
	1	(information with process\$4) and		
		(manag\$6 with information)		!
	410		HCDAD.	2003/10/06
-	419		USPAT;	
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:53
		with manag\$5) and @ad<19990422) and		
	1	(((data adj carrier) or (tag) or		
	,	(memory adj device) or (data adj		
ĺ	1	handler))) and @ad<19990422) and		
		((signature or key) and private)) and		
		(information with process\$4) and		
	1	((control\$5 or manag\$6) with information)		
-	126		USPAT;	2003/10/06
	Ì	manag\$5) or (distribut\$5 with information	US-PGPUB	15:55
		with manag\$5) and @ad<19990422) and		
		(((data adj carrier) or (tag) or		
		(memory adj device) or (data adj		•
1		handler))) and @ad<19990422) and	•	
		((signature or key) and private)) and		
		(read same stor\$4) and (verif\$8 same		
		read\$4)		
l _	58		USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:58
		with manag\$5) and @ad<19990422) and	05 10102	
		(((data adj carrier) or (tag) or		
		(memory adj device) or (data adj		
		handler))) and @ad<19990422) and		
1				_
		((signature or key) and private)) and		·
		((generat\$5 or process\$4) with (key or		
		signature)) and (verif\$8 with (key or	1	
		signature))	IICDAM.	2002/10/06
-	52		USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	15:58
	ŀ	with manag\$5) and @ad<19990422) and		
		(((data adj carrier) or (tag) or		
		(memory adj device) or (data adj		
1		handler))) and @ad<19990422) and		
		((signature or key) and private)) and		
	1	((generat\$5 or process\$4) with (key or		·
		signature)) and (verif\$8 with (key or		
		signature)) and (distribut\$5 with	1	
		(information or data))		
-	24		USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	16:13
		with manag\$5) and @ad<19990422) and	1	
		((data adj carrier) or (tag) or (data	1	
		adj handl\$4))) and signature) and	1	
1		((verif\$5 or check\$4) with (data or		
		information or object)) and((generat\$5 or		
		process\$4) with (data or information or		
			1	
		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and	1	1
		(read\$4 with (data or information or		
		object))) and ((sign\$6 or key) with		
		private) and @ad<19990422) and (module or		
1	1	unit)	L	

-	10546	(((((process\$5 with information with	USPAT;	2003/10/06
		manag\$5) or (distribut\$5 with information	US-PGPUB	16:15
		with manag\$5) and @ad<19990422) and		
		((data adj carrier) or (tag) or (data		
		adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
		information or object)) and((generat\$5 or		
		process\$4) with (data or information or		
1		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and		
	•	(read\$4 with (data or information or		
		object))) and ((sign\$6 or key) with		
		private) and @ad<19990422) and		
		((information or data) with management		
		with (module or unit)) ((information or		
		data) with distribution with (module or		
		unit)) ((information or data) with		1
		management with (module or unit)) and		
		identifier		
1_	378	(((((process\$5 with information with	USPAT;	2003/10/06
-	3/0	manag\$5) or (distribut\$5 with information	US-PGPUB	17:12
		with manag\$5) and @ad<19990422) and	US-FGFUB	17.12
		((data adj carrier) or (tag) or (data		İ
		adj handl\$4))) and signature) and ((verif\$5 or check\$4) with (data or		
		information or object)) and((generat\$5 or		
		process\$4) with (data or information or		
		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and (read\$4 with (data or information or		
				.
		object))) and ((sign\$6 or key) with		
		private) and @ad<19990422) and		
		((information or data) with management		
		with (module or unit)) ((information or		ļ
		data) with distribution with (module or		İ
		unit)) and ((information or data) with]
		management with (module or unit)) and		
] ,	identifier (((((process\$5 with information with	USPAT;	2003/10/06
-	7	(((((process55 with information	US-PGPUB	16:24
		manag\$5) or (distribut\$5 with information	03-FGF0B	10.24
•	i	with manag\$5) and @ad<19990422) and		.
		((data adj carrier) or (tag) or (data	,	
	1	adj handl\$4))) and signature) and ((verif\$5 or check\$4) with (data or		
		information or object)) and((generat\$5 or		
		managed with (data or information or		
		process\$4) with (data or information or object)) and ((stor\$4 or sav\$4) with		
	1	(data or information or object)) and		
	1	(read\$4 with (data or information or		
	1	object))) and ((sign\$6 or key) with		
1		private) and (ad<19990422) and		
		((information or data) with management		
		with (module or unit)) and ((information		. 1
		or data) with distribution with (module	· ·	
		or unit)) and identifier		
<u>-</u>	121	713/160.ccls.	USPAT;	2003/10/06
	121	,15,150.5515.	US-PGPUB	16:24

=	321	((((((process\$5 with information with	USPAT;	2003/10/06
	1	manag\$5) or (distribut\$5 with information	US-PGPUB	17:13
	,	with manag\$5) and @ad<19990422) and		
]	((data adj carrier) or (tag) or (data		
		adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
ļ		information or object)) and((generat\$5 or		
Ì		process\$4) with (data or information or		
		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and		
	-	<pre>(read\$4 with (data or information or object))) and ((sign\$6 or key) with</pre>		
		<pre>private) and @ad<19990422) and ((information or data) with management</pre>		
		with (module or unit)) ((information or		
ŀ	1	data) with distribution with (module or		
		unit)) and ((information or data) with		
		management with (module or unit)) and		
		identifier) and ((article or object)		
	-	attach\$4 with data)		
l _	4	((((((process\$5 with information with	USPAT;	2003/10/06
]	manag\$5) or (distribut\$5 with information	US-PGPUB	17:14
	1 .	with manag\$5) and @ad<19990422) and		
		((data adj carrier) or (tag) or (data		
		adj handl\$4))) and signature) and		
		((verif\$5 or check\$4) with (data or		
		information or object)) and (generat\$5 or		
		process\$4) with (data or information or		
		object)) and ((stor\$4 or sav\$4) with		
		(data or information or object)) and		
1		(read\$4 with (data or information or	İ	.
1	1	object))) and ((sign\$6 or key) with		
	ļ	private) and @ad<19990422) and		
	· ·	((information or data) with management		
		with (module or unit)) ((information or		
	1	data) with distribution with (module or		
		unit)) and ((information or data) with	}	
		management with (module or unit)) and		
		identifier) and ((article or object) with		
	1	attach\$4 with data)		0000/10/06
-	2581	((process\$5 with information with	USPAT;	2003/10/06
	1	manag\$5) or (distribut\$5 with information	US-PGPUB	17:21
		with manag\$5) and @ad<19990422) and		
	1 .	(((data adj carrier) or (tag)or (bar adj		
		code) or (memory adj device) or (data adj	1	
		handler))) and @ad<19990422	HCDATE -	2003/10/06
-	257		USPAT; US-PGPUB	17:21
	1	manag\$5) or (distribut\$5 with information	US-FGFUB	1 * / • 6 * 1
		with manag\$5) and @ad<19990422) and	1	
		(((data adj carrier) or (tag)or (bar adj code) or (memory adj device) or (data adj		
		handler))) and @ad<19990422) and		
1	157	signature (((process\$5 with information with	USPAT;	2003/10/06
-	15/	(((process; with information with manag\$5) or (distribut\$5 with information	US-PGPUB	17:22
	1 .	with manag\$5) and @ad<19990422) and	33 13101	
	1	(((data adj carrier) or (tag)or (bar adj		
		code or (memory adj device) or (data adj	1	
		handler))) and @ad<19990422) and		
		signature and identifier		
l _	54	1 -	USPAT;	2003/10/06
_	34	manag\$5) or (distribut\$5 with information	US-PGPUB	17:22
1		with manag\$5) and @ad<19990422) and		
	1	(((data adj carrier) or (tag)or (bar adj		
		code or (memory adj device) or (data adj		
		handler))) and @ad<19990422) and		
		signature and identifier and		
		(distribution near (data or information))		
	t .	1)		

199 ((process5 with information with manag55 with system) or (distribut5 with information with manag5 with system)) 18:16	•				
Section Sect	_	189	information with manag\$5 with system)) same ((data adj carrier) or tag or (bar		2003/10/06 18:16
28	-	189	((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) same (stor\$4 and manag\$4		
111	-	28	((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) same (stor\$4 and (manag\$4		
- (data or information)) - (()process\$5 with information with manag\$6 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key) and (stor\$4 and (manag\$4 with (data or information))) - (()process\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key) and (read with (data or information))) - (()process\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) - (()process\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) and (signature or key)) and (read with (data or information) with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (digital adj (key or signature)) - 23 (((process\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (digital adj (key or signature)) - ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (digital adj (key or signature)) - ((data adj carrier) or tag or (bar adj code)) and (signature) or key) or (memory adj device) and (digital adj signature) or (signature) or (signature) or (signature) or (signature) or (signature) - (2526 (()data adj carrier) or tag or (bar adj code)) and (signature) or (signature) or	_	111	((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar		
manag\$\$ with system) or (distribut\$5 with information with manag\$\$ with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (stor\$\frac{1}{2}4 (((process\$\frac{1}{2}5 \text{ with information with manag\$\frac{1}{2}5 with information with manag\$\frac{1}{2}5 with system) or (distribut\$\frac{1}{2}5 with information with manag\$\frac{1}{2}5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with (data adj carrier) or tag or (bar adj code))) - 9 (((process\$\frac{1}{2}5 \text{ with information with manag\$\frac{1}{2}5 with system)} same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) and (signature or key)) and (read with (data or information) with ((data adj carrier)) or tag or (bar adj code))) and (signature or key)) and (read with (data or information) with ((data adj carrier)) or tag or (bar adj code))) and (signature or key)) and (read with (data or information) with ((data adj carrier)) or tag or (bar adj code))) and (signature or key)) and (read with (data or information) with ((data adj carrier)) or tag or (bar adj code))) and (signature or key)) and (read with (data or information) with ((data adj carrier)) or tag or (bar adj code))) and (signature or key)) and (signature)) and (signature)) ((data adj carrier) or tag or (bar adj code)) and (signature) (vor tag or (bar adj code)) and (signature) (vor tag or (bar adj code)) and (signature) (vor tag or (bar adj code)) ((data adj carrier) or tag or (bar adj code)) ((data adj carrier) or tag or (bar adj code)) and (signature) (vor tag or (bar adj code)) ((data adj carrier) or tag or (bar adj code)) ((data adj carrier) or tag or (bar adj code)) ((data adj carrier) or tag or (bar adj code)) ((data adj carrier) or tag or (bar adj code)) (vor (bar adj code)) (vor (bar adj code)) (vor (bar adj code)) (vor (bar adj code)) (vor (bar adj code)) (vor (bar	-		"111" and (stor\$4 and (manag\$4 with (data or information)))	US-PGPUB	18:19
79 (((process\$5 with information with manag\$5 with system)) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) (((process\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) and (add19990422) (((process\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code))) and (signature or key)) and (read with (data or information) with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code))) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) and (private adj (key or signature)) and (add19990422) (((process\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (digital adj (key or signature)) (data adj carrier) or tag or (bar adj code)) and (signature or key)) and (digital adj (key or signature)) (data adj carrier) or tag or (bar adj code)) and (signature or key)) and (USPAT; 2003/10/06) (data adj carrier) or tag or (bar adj code)) and (signature or key)) and (USPAT; 2003/10/06) (data adj carrier) or tag or (bar adj code)) and (signature or key)) or (memory adj device) (((data adj carrier) or tag or (bar adj code)) and (signature or key)) or (memory adj device) ((data adj carrier) or tag or (bar adj code)) and (signature or key)) or (memory adj device) ((data adj carrier) or tag or (bar adj code)) and (signature) or (signature) or (private adj signature) or (signature) or (signature)	_	97	manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (stor\$4 and (manag\$4 with (data or		
(((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (cad with (data or information) with ((data adj carrier) or tag or (bar adj code))) and (adx(19990422) ((process\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) and (private adj (key or signature)) and (private adj (key or signature)) and (adx(19990422) (((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system) or (bar adj code)) and (signature or key) and (digital adj (key or signature)) ((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device) ((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device) and (digital adj signature) or (brivate adj signature) or (signature or (private adj signature) or (signature) or (signature or (private adj signature) or (signature) or (s	-		(((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj		
manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) and (private adj (key or signature)) and @ad<19990422 - 3 (((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (digital adj (key or signature)) - 121383 ((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device) - 2526 (((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device)) and (digital adj signature) - 2526 (((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device)) and (digital adj signature) - 2526 ((odata adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device)) and (digital adj signature) - 2526 ((odata adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device)) and (signature) or (signature)	_		(((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj		
- 3 (((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (digital adj (key or signature)) - 121383 (((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device) - 2526 (((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device)) and (digital adj signature) or (private adj signature) or (signature	-	0	manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and (read with (data or information) with ((data adj carrier) or tag or (bar adj code))) and (private adj (key or	· ·	
- 121383 ((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device) - 2526 (((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device)) and (digital adj signature) or (private adj signature) or (signature USPAT;	-	3	(((process\$5 with information with manag\$5 with system) or (distribut\$5 with information with manag\$5 with system)) same ((data adj carrier) or tag or (bar adj code)) and (signature or key)) and	· ·	
code)) and (signature or key) or (memory US-PGPUB adj device)) and (digital adj signature) or (private adj signature) or (signature	_	121383	((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory	1	1
i i i i i i i i i i i i i i i i i i i	-	2526	(((data adj carrier) or tag or (bar adj code)) and (signature or key) or (memory adj device)) and (digital adj signature) or (private adj signature) or (signature	-	

-	. 965	((((data adj carrier) or tag or (bar adj	USPAT;	2003/10/06
		code)) and (signature or key) or (memory	US-PGPUB	18:39
		adj device)) and (digital adj signature)		
		or (private adj signature) or (signature		
	52710	adj key)) and @ad<19990422	HCDNM.	2003/10/06
-	53719	distribution with (information or data)	USPAT;	18:40
	242		US-PGPUB USPAT;	2003/10/06
-	242	(((((data adj carrier) or tag or (bar adj	US-PGPUB	18:41
		code)) and (signature or key) or (memory adj device)) and (digital adj signature)	US-PGPUB	10:41
		or (private adj signature) or (signature		-
		adj key)) and @ad<19990422) and		
	•	distribution with (information or data)		
1_	535	(((((data adj carrier) or tag or (bar adj	USPAT;	2003/10/06
		code)) and (signature or key) or (memory	US-PGPUB	18:42
		adj device)) and (digital adj signature)	** * * * * * *	-3.1
	ļ	or (private adj signature) or (signature		
		adj key)) and @ad<19990422) and (read		
		with (information or data))		
-	446	(((((data adj carrier) or tag or (bar adj	USPAT;	2003/10/06
		code)) and (signature or key) or (memory	US-PGPUB	18:42
		adj device)) and (digital adj signature)		
	1 .	or (private adj signature) or (signature		
1		adj key)) and @ad<19990422) and (verify\$5		
		with (information or data))		
-	677	(((((data adj carrier) or tag or (bar adj	USPAT;	2003/10/06
		code)) and (signature or key) or (memory	US-PGPUB	18:44
		adj device)) and (digital adj signature)		
		or (private adj signature) or (signature		1
		adj key)) and @ad<19990422) and		
		((verify\$5 or check\$5) with (information		
	653	or data)) ((((((data adj carrier) or tag or (bar	USPAT;	2003/10/06
-	653	adj code)) and (signature or key) or	US-PGPUB	18:45
		(memory adj device)) and (digital adj	OB TGI OB	10.13
1		signature) or (private adj signature) or		
		(signature adj key)) and @ad<19990422)		
		and ((verify\$5 or check\$5) with		
		(information or data))) and ((read\$5 or		
		stor\$5) with (information or data))		
-	244	(((((data adj carrier) or tag or (bar	USPAT;	2003/10/06
		adj code)) and (signature or key) or	US-PGPUB	19:00
		(memory adj device)) and (digital adj	1	
	1	signature) or (private adj signature) or		
		(signature adj key)) and @ad<19990422)		
		and ((verify\$5 or check\$5) with		
		(information or data))) and (((read\$5 or stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj	1	
		((data adj carrier) of tag of (bar adj code) or (memory adj device)))		
1_	190	(((((((data adj carrier) or tag or (bar	USPAT;	2003/10/06
	1	adj code)) and (signature or key) or	US-PGPUB	19:01
		(memory adj device)) and (digital adj		
		signature) or (private adj signature) or	1	
		(signature adj key)) and @ad<19990422)	1	
		and ((verify\$5 or check\$5) with		
		(information or data))) and (((read\$5 or		
		stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		
		code) or (memory adj device)))) and		
		(generat\$4 with (key or signature))	<u></u>	L

	•		· ·	
-	109	((((((data adj carrier) or tag or (bar	USPAT;	2003/10/06
	1	adj code)) and (signature or key) or	US-PGPUB	18:53
		(memory adj device)) and (digital adj		
		signature) or (private adj signature) or		
		(signature adj key)) and @ad<19990422) and ((verify\$5 or check\$5) with		
		and ((Verily\$5 or Check\$5) with (information or data))	: :	
	ļ	stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		
		code) or (memory adj device)))) and		
		(generat\$4 with (key or signature)) and		
		((select\$4 or choos\$4) with (key or	•	
		signature))		
_	22	((((((data adj carrier) or tag or (bar	USPAT;	2003/10/06
1		adj code)) and (signature or key) or	US-PGPUB	18:59
		(memory adj device)) and (digital adj	05 10102	20100
1		signature) or (private adj signature) or		
		(signature adj key)) and @ad<19990422)		
		and ((verify\$5 or check\$5) with		·
		(information or data)) and (((read\$5 or		
1		stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		·
		code) or (memory adj device)))) and		
		(generat\$4 with (key or signature)) and		
	1	((select\$4 or choos\$4) with (key or		
		signature)) and ((stor\$4) with (key or		
		signature)) and tamper		
-	64	((((((data adj carrier) or tag or (bar	USPAT;	2003/10/06
		adj code)) and (signature or key) or	US-PGPUB	18:54
1		(memory adj device)) and (digital adj		
		signature) or (private adj signature) or		
		(signature adj key)) and @ad<19990422)		
		and ((verify\$5 or check\$5) with		,
1		(information or data))) and (((read\$5 or	·	
		stor\$5) with (information or data)) same		
	1	((data adj carrier) or tag or (bar adj		
	-	code) or (memory adj device)))) and		
		(generat\$4 with (key or signature)) and		
		((select\$4 or choos\$4) with (key or		
		signature)) and ((stor\$4) with (key or		
	0.0	signature)) and module	USPAT;	2003/10/06
-	88	(((((((data adj carrier) or tag or (bar	US-PGPUB	18:54
		adj code)) and (signature or key) or (memory adj device)) and (digital adj	02 19101	10.04
		signature) or (private adj signature) or		<u> </u>
		(signature adj key)) and @ad<19990422)		
		and ((verify\$5 or check\$5) with		
		(information or data))) and (((read\$5 or		
1		stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		
		code) or (memory adj device)))) and		
		(generat\$4 with (key or signature)) and		
		((select\$4 or choos\$4) with (key or		
		signature)) and ((stor\$4) with (key or		
		signature)) and (module or unit)		
-	101		USPAT;	2003/10/06
	1	adj code)) and (signature or key) or	US-PGPUB	19:03
		(memory adj device)) and (digital adj		
		signature) or (private adj signature) or		
	1	(signature adj key)) and @ad<19990422)		
	1	and ((verify\$5 or check\$5) with		
	1	(information or data))) and (((read\$5 or		
	1	stor\$5) with (information or data)) same		
	1	((data adj carrier) or tag or (bar adj		
		code) or (memory adj device)))) and	1	
		(generat\$4 with (key or signature)) and	1	
		((select\$4 or choos\$4) with (key or		
		signature)) and ((stor\$4) with (key or		
1	·	signature))	l	

				2002/10/06
-	328	(((((data adj carrier) or tag or (bar	USPAT;	2003/10/06
		adj code)) and (signature or key) or	US-PGPUB	19:00
		(memory adj device)) and (digital adj		
		signature) or (private adj signature) or		
		(signature adj key)) and @ad<19990422)		
		and ((verify\$5 or check\$5) with		
		(information or data))) and (((read\$5 or		
		stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		
}		code) or ((memory or stor\$4) adj device))		
		Code, of ((memory of booty), and device,)		
1_	257	((((((data adj carrier) or tag or (bar	USPAT;	2003/10/06
-	237	adj code)) and (signature or key) or	US-PGPUB	19:01
			U3-FGFUB	19.01
		(memory adj device)) and (digital adj		
		signature) or (private adj signature) or	'	
1		(signature adj key)) and @ad<19990422)		
		and ((verify\$5 or check\$5) with		· ·
		(information or data))) and (((read\$5 or		
		stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		
		code) or ((memory or stor\$4) adj device))		
)) and (generat\$4 with (key or		·
		signature))		
_	0		USPAT;	2003/10/06
ĺ		adj code)) and (signature or key) or	US-PGPUB	19:03
		(memory adj device)) and (digital adj	** *****	
		signature) or (private adj signature) or		
		(signature adj key)) and @ad<19990422)		
1		and ((verify\$5 or check\$5) with		
	,	(information or data))) and (((read\$5 or		
	-			
		stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		
		code) or ((memory or stor\$4) adj device))		1
)) and (generat\$4 with (key or		
		signature)) and ((select\$4 or choos\$4)		
		with (key or signature)) and ((stor\$4)		
		with (key or signature))) not		
		(((((((data adj carrier) or tag or (bar	ŀ	
		adj code)) and (signature or key) or		
		(memory adj device)) and (digital adj		1
		signature) or (private adj signature) or		
	•	(signature adj key)) and @ad<19990422)		
		and ((verify\$5 or check\$5) with	1	
		(information or data))) and (((read\$5 or	1	
		stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		
		code) or ((memory or stor\$4) adj device))		
1)) and (generat\$4 with (key or		
		signature)))	!	
1	1	SIGNACULE!	1	

_	116	(((((((data adj carrier) or tag or (bar	USPAT;	2003/10/06
	ì	adj code)) and (signature or key) or (memory adj device)) and (digital adj	US-PGPUB	19:03
		signature) or (private adj signature) or		
		(signature adj key)) and @ad<19990422)		
		and ((verify\$5 or check\$5) with		·
		(information or data))) and (((read\$5 or		
		stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		
		code) or ((memory or stor\$4) adj device))		
)) and (generat\$4 with (key or		
		signature))) not (((((((data adj carrier) or tag or (bar adj code)) and		
		(signature or key) or (memory adj		
		device)) and (digital adj signature) or		İ
		(private adj signature) or (signature adj		
		key)) and @ad<19990422) and ((verify\$5 or	,	
		<pre>check\$5) with (information or data)))</pre>		Į.
		and (((read\$5 or stor\$5) with		ĺ
		(information or data)) same ((data adj		
		carrier) or tag or (bar adj code) or ((memory or stor\$4) adj device)))) and		
		(generat\$4 with (key or signature)) and		
		((select\$4 or choos\$4) with (key or		
		signature)) and ((stor\$4) with (key or		
		signature)))		0000/10/05
-	141	((((((data adj carrier) or tag or (bar	USPAT; US-PGPUB	2003/10/06
		adj code)) and (signature or key) or	US-PGPUB	19:26
		(memory adj device)) and (digital adj signature) or (private adj signature) or		
		(signature adj key)) and @ad<19990422)		
1		and ((verify\$5 or check\$5) with		
		(information or data))) and (((read\$5 or		
		stor\$5) with (information or data)) same		
		((data adj carrier) or tag or (bar adj		•
		<pre>code) or ((memory or stor\$4) adj device)))) and (generat\$4 with (key or</pre>		
		signature)) and ((select\$4 or choos\$4)		
		with (key or signature)) and ((stor\$4)		.
	1	with (key or signature))		0000/10/07
-	. 0	08792719.pn.	USPAT; US-PGPUB	2003/10/07
	0	08792719.pn.	USPAT;	2003/10/07
-		08/92/19.pm.	US-PGPUB;	09:55
ŀ	1		EPO; JPO;	1
			DERWENT	
-	1007	verif\$8 with signature with certificate	USPAT;	2003/10/07
1	10-	/ 1500 mlsh of masking order	US-PGPUB	10:11 2003/10/07
	198	(verif\$8 with signature with certificate)	USPAT; US-PGPUB	10:11
_	162	and ship\$6 ((verif\$8 with signature with	USPAT;	2003/10/07
		certificate) and ship\$6) and record	US-PGPUB	09:57
-	148	((verif\$8 with signature with	USPAT;	2003/10/07
		certificate) and ship\$6) and record and	US-PGPUB	09:58
		(identifier or ID)	IIGDAM.	2003/10/07
-	83	(((verif\$8 with signature with certificate) and ship\$6) and record and	USPAT; US-PGPUB	09:59
		(identifier or ID)) and ((data adj		
		carrier) or tag or (bar adj code))		
-	56	((((verif\$8 with signature with	USPAT;	2003/10/07
		certificate) and ship\$6) and record and	US-PGPUB	09:59
		(identifier or ID)) and ((data adj		
		carrier) or tag or (bar adj code))) and (digital adj signature)		
_	56		USPAT;	2003/10/07
		certificate) and ship\$6) and record and	US-PGPUB	10:00
		(identifier or ID)) and ((data adj		
		carrier) or tag or (bar adj code))) and		
	340	(digital adj signature) and key verif\$8 with signature with certificate	USPAT;	2003/10/07
1 -	349	and @ad<19990422	US-PGPUB	10:12
L		1 4114 644 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	. ::-:

-	140	(verif\$8 with signature with certificate	USPAT;	2003/10/07
		and @ad<19990422) and (private near	US-PGPUB	11:17
_	26550	sign\$6) (merchandise or product) same (tag or	USPAT;	2003/10/07
-	. 20330	(bar adj code) or (data adj carrier) or	US-PGPUB	11:19
		((memory or storage) adj device))		
_	31781	(merchandise or product or article) same	USPAT;	2003/10/07
		(tag or (bar adj code) or (data adj	US-PGPUB	11:27
		carrier) or ((memory or storage) adj		1
	2044	device))	HCDAM.	2003/10/07
-	3844	(merchandise or product or article) same (tag or (bar adj code) or (data adj	USPAT; US-PGPUB	11:30
		carrier) or ((memory or storage) adj	05 16105	11.50
		device)) same ((stor\$4 or sav\$4) near		
		(information or data))		
-	5263	(merchandise or product or article) same	USPAT;	2003/10/07
		(tag or (bar adj code) or (data adj	US-PGPUB	11:31
		carrier) or (id or identification) or		
		((memory or storage) adj device)) same ((stor\$4 or sav\$4) near (information or		
	!	data))		
_	6909	(merchandise or product or article) same	USPAT;	2003/10/07
		(tag or (bar adj code) or (data adj	US-PGPUB	11:35
		carrier) or code or (id or		.
		identification) or ((memory or storage)		
		adj device)) same ((stor\$4 or sav\$4)		
	6909	near (information or data)) (merchandise or product or article) same	USPAT;	2003/10/07
-	6909	(tag or (bar adj code) or (data adj	US-PGPUB	11:35
		carrier) or code or (id or		
		identification) or ((memory or storage)	1	
		adj device)) same ((stor\$4 or sav\$4)		
	İ	near (information or data)) and		
	2001	ad<19990422	USPAT;	2003/10/07
_	3001	((merchandise or product or article) same (tag or (bar adj code) or (data adj	US-PGPUB	11:38
		carrier) or code or (id or	05 10105	11.00
		identification) or ((memory or storage)		
		adj device)) same ((stor\$4 or sav\$4)		
		near (information or data))) and		
		@ad<19990422	II CDAMA	2003/10/07
-	1252099	(((merchandise or product or article) same (tag or (bar adj code) or (data adj	USPAT; US-PGPUB	11:39
		carrier) or code or (id or	05 10105	11.05
		identification) or ((memory or storage)]	
		adj device)) same ((stor\$4 or sav\$4)		
		near (information or data))) and		
		@ad<19990422) and (delivery or		
	568	distribution) (information or data) (((merchandise or product or article)	USPAT;	2003/10/07
-	568	(((merchandise or product of article) same (tag or (bar adj code) or (data adj	US-PGPUB	11:39
		carrier) or code or (id or		
		identification) or ((memory or storage)	1	
		adj device)) same ((stor\$4 or sav\$4)		
	1	near (information or data))) and		
		@ad<19990422) and (delivery or distribution) with (information or		
		distribution) with (information of data)		
_	35	1	USPAT;	2003/10/07
] .	same (tag or (bar adj code) or (data adj	US-PGPUB	15:09
-		carrier) or code or (id or		
1		identification) or ((memory or storage)		
		adj device)) same ((stor\$4 or sav\$4)		
1		near (information or data))) and (@ad<19990422) and (digital adj signature)		
		and ((verif\$5 or check\$5) with (signature)		
		or key)) and ((process\$4 or generat\$4)		
		with (signature or key))		

-	41	(((merchandise or product or article)	USPAT;	2003/10/07
		same (tag or (bar adj code) or (data adj	US-PGPUB	15:08
		carrier) or code or record or (id or		
		identification) or ((memory or storage)		
	1	adj device)) same ((stor\$4 or sav\$4) near (information\$5 or data))) and		
		Rear (Information 35 of data)) and Rear (Information 35 of data)) and Rear (Information 35 of data)) and Rear (Information 35 of data)) and Rear (Information 35 of data))		
		and ((compar\$4 or verif\$5 or		
		check\$5)with (signature or key)) and		
	İ	((process\$4 or generat\$4) with (signature		
		or key))		
_	35		USPAT;	2003/10/07
		same (tag or (bar adj code) or (data adj	US-PGPUB	15:09
		carrier) or code or (id or	••	
		identification) or ((memory or storage)		
	ļ	adj device)) same ((stor\$4 or sav\$4)		
		near (information or data))) and		
		<pre>@ad<19990422) and (digital adj signature)</pre>		
	Ι.	and ((verif\$5 or check\$5) with (signature		
		or key)) and ((process\$4 or generat\$4)		
		with (signature or key))		
-	6	((((merchandise or product or article)	USPAT;	2003/10/07
		same (tag or (bar adj code) or (data adj	US-PGPUB	15:09
		carrier) or code or record or (id or		
1		identification) or ((memory or storage)		
		adj device)) same ((stor\$4 or sav\$4)		
		near (information\$5 or data))) and		
		@ad<19990422) and (digital adj signature)		
Ì		and ((compar\$4 or verif\$5 or		
		check\$5) with (signature or key)) and		
		((process\$4 or generat\$4) with (signature		
		or key))) not ((((merchandise or product		
		or article) same (tag or (bar adj code)		
		or (data adj carrier) or code or (id or identification) or ((memory or storage)		
		adj device)) same ((stor\$4 or sav\$4)		
		near (information or data))) and		
		@ad<19990422) and (digital adj signature)		
		and ((verif\$5 or check\$5) with (signature		•
1		or key)) and ((process\$4 or generat\$4)	· ·	
1		with (signature or key)))		
-	53		USPAT;	2003/10/14
1		same (tag or (bar adj code) or (data adj	US-PGPUB	19:30
1		carrier) or code or (id or		
		identification) or ((memory or storage)		
		adj device)) same ((stor\$4 or sav\$4)		
		near (information or data))) and		
		@ad<19990422) and (digital adj signature)	1	0000/55/54
-	294	(((merchandise or product or article)	USPAT;	2003/10/14
		same (tag or (bar adj code) or (data adj	US-PGPUB .	19:33
	1	carrier) or code or (id or		
		identification) or ((memory or storage)		
		adj device)) same ((stor\$4 or sav\$4)		
		near (information or data))) and		
1		<pre>@ad<19990422) and ((signature or key) with (verif\$7 or valid\$6 or check\$4))</pre>		
	21	1	USPAT;	2003/10/14
-	31	((((merchandise or product or article) same (tag or (bar adj code) or (data adj	US-PGPUB	19:32
	1	carrier) or code or (id or	US-FGFOD	15.52
		carrier) or code of (1d of identification) or ((memory or storage)		
		adj device)) same ((stor\$4 or sav\$4)		
	1	near (information or data))) and		
	1 .	Qad<19990422) and ((signature or key)	}	
	1 '	with (verif\$7 or valid\$6 or check\$4)))		
	1	and hash		
1		1	 	

-	300	(((merchandise or product or article)	USPAT;	2003/10/14
1	1	same (tag or (bar adj code) or (data adj	US-PGPUB;	19:33
	•	carrier) or code or (id or	EPO; JPO;	
		identification) or ((memory or storage)	DERWENT;	
		adj device)) same ((stor\$4 or sav\$4)	IBM TDB	
		near (information or data))) and	_	
		@ad<19990422) and ((signature or key)		
		with (verif\$7 or valid\$6 or check\$4))		
l -	31		USPAT;	2003/10/14
		same (tag or (bar adj code) or (data adj	US-PGPUB;	19:33
		carrier) or code or (id or	EPO; JPO;	
		identification) or ((memory or storage)	DERWENT;	
		adj device)) same ((stor\$4 or sav\$4)	IBM TDB	
}	l .	near (information or data))) and		
		@ad<19990422) and ((signature or key)		
		with (verif\$7 or valid\$6 or check\$4)))		
		and hash		
l <u> </u>	1	5016276.pn.	USPAT;	2003/10/15
	*	1 3010270.pm.	US-PGPUB	13:51
l _	13	5016276.URPN.	USPAT	2003/10/15
-	13	3010270.0RFW.	OSTAL	13:20
_	2	5016276.pn.	USPAT;	2003/10/15
-	-	3010270.pii.	US-PGPUB;	15:20
			EPO; JPO;	+3.20
			DERWENT;	
			IBM TDB	
	L .	<u> </u>	I I DI I I DD	<u> </u>